

Work Order ID 107388

September-23-13 11:49:48 AM

107388

Page 1

Item ID: D4000-5

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Fuel Tank Vent Fitting

Stop

NS2

Start Date: 9/23/13 Start Qty: 6.00

6

Cust Item ID:

Required Date: 9/23/13 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals:

Process Plan: M15

Date: 13-09-24

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| 100 | | 0.00 | | | | | | | |
| *100* | | | | | | | | | |
| Doosan | Memo | 0.00 | | | | | | | |
| Doosan Lathe | Turn as per DWG and Folio Fa906 Folio Rev: <u>N/A</u> Dwg Rev: <u>A</u> | | | | | | | | |
| | Tap using DT9586 BLOCK | | | | | | | | |
| | Deburr | | | | | | | | |
| 110 | QC2- Inspect parts off machine FAI/FAIB | 0.00 | | | | | | | |
| *110* | Memo | 0.00 | | | | | | | |
| QC | | | | | | | | | |
| Quality Control | | | | | | | | | |

6 Ø

13-10-12

6 Ø

13-10-12

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

| | | | | | | | | | |
|-----------------------|--|--|------------------------------------|---|--|---|---|--|--------------|
| Work Order: _____ | | | DISPOSITION | | AGAINST DEPARTMENT/PROCESS | | | | |
| Part No. _____ | Rework <input type="checkbox"/> | Scrap <input type="checkbox"/> | Skid-tube <input type="checkbox"/> | Crosstube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | | |
| NCR No. _____ | Use-as-is <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coor. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | |
| | Work Order Update <input type="checkbox"/> | | Large Fab <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector |
| Doc/Data | | | | | | | | | |
| Equip/Tooling | | | | | | | | | |
| Operator | | | | | | | | | |
| Material | | | | | | | | | |
| Setup | | | | | | | | | |
| Other | | | | | | | | | |
| Process | | | | | | | | | |
| Supplier | | | | | | | | | |
| Training | | | | | | | | | |
| Unapproved | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | |
| Landing Gear | | | | General | | | | | |
| | | | | Bending <input type="checkbox"/> | Bend <input type="checkbox"/> | Grain <input type="checkbox"/> | Ovalized <input type="checkbox"/> | Pressure/Forced <input type="checkbox"/> | |
| | | | | BOM/Route <input type="checkbox"/> | Hardware <input type="checkbox"/> | Over/Under tolerance <input type="checkbox"/> | Temperature/Cure <input type="checkbox"/> | | |
| | | | | Broken/Damaged <input type="checkbox"/> | Inspection Incomplete <input type="checkbox"/> | Part Incorrect <input type="checkbox"/> | Weld <input type="checkbox"/> | | |
| | | | | Burrs <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Part Lost/Missing <input type="checkbox"/> | Wrong Stock Pulled <input type="checkbox"/> | | |
| | | | | Contamination <input type="checkbox"/> | Maintenance <input type="checkbox"/> | Part Moved <input type="checkbox"/> | | | |
| | | | | Countersink <input type="checkbox"/> | Mislabeled <input type="checkbox"/> | Positioned Wrong <input type="checkbox"/> | | | |
| | | | | Cut Too Short <input type="checkbox"/> | Misread <input type="checkbox"/> | Power Loss/Surge <input type="checkbox"/> | Other <input type="checkbox"/> | | |
| | | | | Drill Holes <input type="checkbox"/> | Offset <input type="checkbox"/> | | | | |
| | | | | Drawing <input type="checkbox"/> | Out of Calibration <input type="checkbox"/> | | | | |
| | | | | Finish <input type="checkbox"/> | Out of Sequence <input type="checkbox"/> | | | | |
| | | | | Folio <input type="checkbox"/> | Outside Dimensions <input type="checkbox"/> | | | | |

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

| Work Order: _____ | | | DISPOSITION | | AGAINST DEPARTMENT/PROCESS | | | | | | |
|-------------------|--|------|--|---|---|---------------------------------|---|--------------|--------------|--|--|
| Part No. _____ | <input type="checkbox"/> Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update | | Skid-tube Machining Thermoforming Large Fab | Crosstube Small Fab Finishing Composite | Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier | Engineering Quality Other | | | | | |
| NCR No. _____ | | | | | | | | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | | |
| Doc/Data | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | |
| Operator | | | | | | | | | | | |
| Material | | | | | | | | | | | |
| Setup | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Process | | | | | | | | | | | |
| Supplier | | | | | | | | | | | |
| Training | | | | | | | | | | | |
| Unapproved | | | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | | | |
| Landing Gear | <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | | General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio | | <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other | |
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Picklist Print

September-23-13 11:49:48 AM

Page 1

Work Order ID: 107388

Parent Item: D4000-5

Parent Item Name: Fuel Tank Vent Fitting

Start Date: 9/23/13

Required Date: 9/23/13

Start Qty: 6.00

Required Qty: 6.00

Comments: Ipp Rev:A New Issue 10-01-28 JLM Verified By:EC IPP rev B 10.05.13 ecn10-562 EC
verified by:DD

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|----------|
| M6061T6R1.625 6061T6 ROUND BAR 1.625 | | Purchased | No | | | 100 | f | 7.3360 | 0.051 | 0.3221052 | | | 13-10-12 |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| MAT013 | 7.336 | |
| — 109920 | 7.336 | 5 ft |

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: Date:

QA Closed: _____ Date: _____

| Work Order: _____ | | | | DISPOSITION | | AGAINST DEPARTMENT/PROCESS | | | | | |
|--|------|------|-----|--|--|------------------------------------|--|------------------------------------|--------------------------------------|--------------|--|
| | | | | Rework <input type="checkbox"/> | Scrap <input type="checkbox"/> | Skid-tube <input type="checkbox"/> | Crosthube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | | |
| | | | | Use-as-is <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coor. <input type="checkbox"/> | Quality <input type="checkbox"/> | | | |
| | | | | Work Order Update <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | | | |
| | | | | | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> | | | | |
| Root Cause | Date | Step | Qty | Description of work order update or Non-conformance | | Initial Chief Eng | Action Description | Sign & Date | Verification | QC Inspector | |
| Doc/Data | | | | | | | | | | | |
| Equip/Tooling | | | | | | | | | | | |
| Operator | | | | | | | | | | | |
| Material | | | | | | | | | | | |
| Setup | | | | | | | | | | | |
| Other | | | | | | | | | | | |
| Process | | | | | | | | | | | |
| Supplier | | | | | | | | | | | |
| Training | | | | | | | | | | | |
| Unapproved | | | | | | | | | | | |
| FAULT CATEGORY | | | | | | | | | | | |
| Landing Gear | | | | General | | | | | | | |
| <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube | | | | <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions | | | | | | | |
| | | | | <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other | | | | | | | |
| | | | | <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled | | | | | | | |

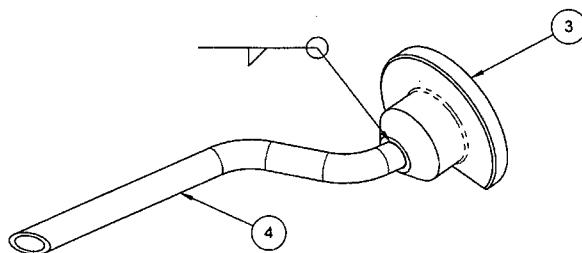
| | | |
|--|---------------------|--------------------|
| DART AEROSPACE LTD | Work Order: | 107388 |
| Description: Fuel Tank Vent Fitting | Part Number: | D4000-5 |
| Inspection Dwg: D4000 Rev: A | | Page 1 of 1 |

FIRST ARTICLE INSPECTION CHECKLIST

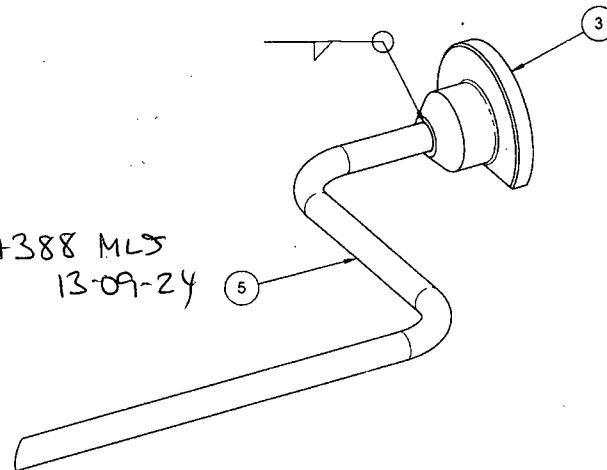
| | | | |
|------------------------|-----------------------|-----------------------|-----------|
| Measured by: <u>SJ</u> | Audited by: <u>SJ</u> | Preliminary Approval: | N/A |
| Date: 13-10-12 | Date: 13-10-13 | | Date: N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| A | 10.08.03 | New Issue | KJ | M |

| ITEM | QTY. -043 | QTY. -045 | P/N | DESCRIPTION | JOHN CAMERON AVIATION PART NUMBER | 4 | 3 | 2 | 1 |
|------|--------------|--------------|-----------|-----------------------------|--------------------------------------|---|---|---|---|
| 1 | X | | D4000-041 | DRAIN FITTING ASSEMBLY, AFT | JCA-M47-1-06 | | | | |
| 2 | | X | D4000-043 | DRAIN FITTING ASSEMBLY, FWD | JCA-M47-1-15 | | | | |
| 3 | 1 | 1 | D4000-3 | FUEL SUMP DRAIN FITTING | | | | | |
| 4 | 1 | | D4003-1 | INTERNAL DRAIN LINE, AFT | | | | | |
| 5 | | 1 | D4003-3 | INTERNAL DRAIN LINE, FWD | | | | | |



D4000-041 DRAIN FITTING ASSEMBLY, AFT



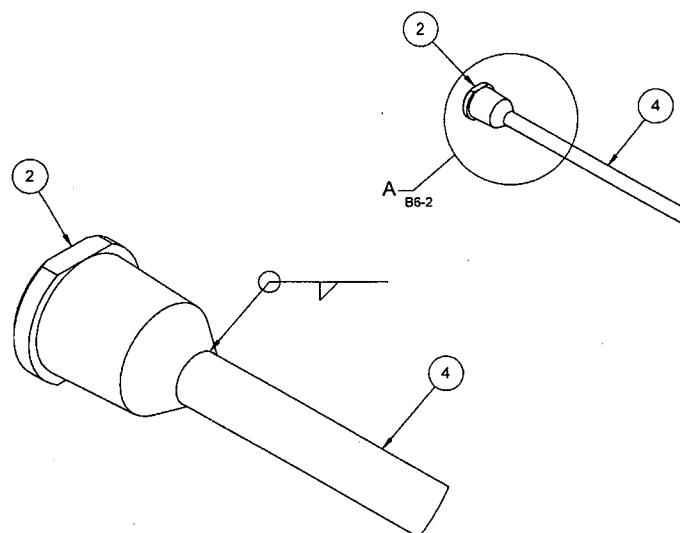
D4000-043 DRAIN FITTING ASSEMBLY, FWD

A NOTES:

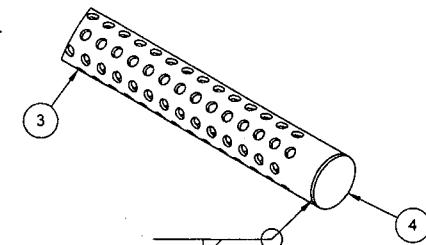
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4000-043/045" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: D4000-043 - 0.04 lbs
D4000-045 - 0.05 lbs

| | | | |
|---|-------------|-------|----------|
| A | NEW ISSUE | | 10.02.10 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | | | |
| DRAWN | | | |
| CHECKED | | | |
| MFG. APPR. | | | |
| APPROVED | | | |
| DE APPR. | | | |
| DATE | 10.02.10 | SCALE | NTS |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| DRAWING NO. D4000 SHEET 1 OF 8 | | | |
| REV. A | | | |
| TITLE FITTING | | | |
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| ITEM NO. | QTY. -047 | PART NUMBER | DESCRIPTION | JOHN CAMERON AVIATION PART NUMBER |
|----------|--------------|-------------|-------------------------------|--------------------------------------|
| 1 | X | D4000-045 | FUEL PICK UP FITTING ASSEMBLY | JCA-M47-1-10 |
| 2 | 1 | D4000-7 | FUEL PICK UP FITTING | |
| 3 | 1 | D4000-11 | CAP | |
| 4 | 1 | D4003-5 | FUEL PICK UP LINE | |



DETAIL A
SCALE 4X C6-2



DETAIL B
SCALE 4X B2-2

D4000-045 FUEL PICKUP FITTING ASSEMBLY

NOTES:

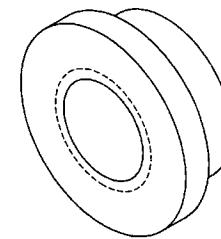
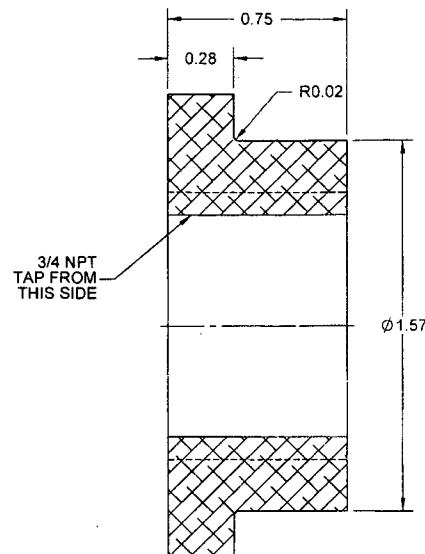
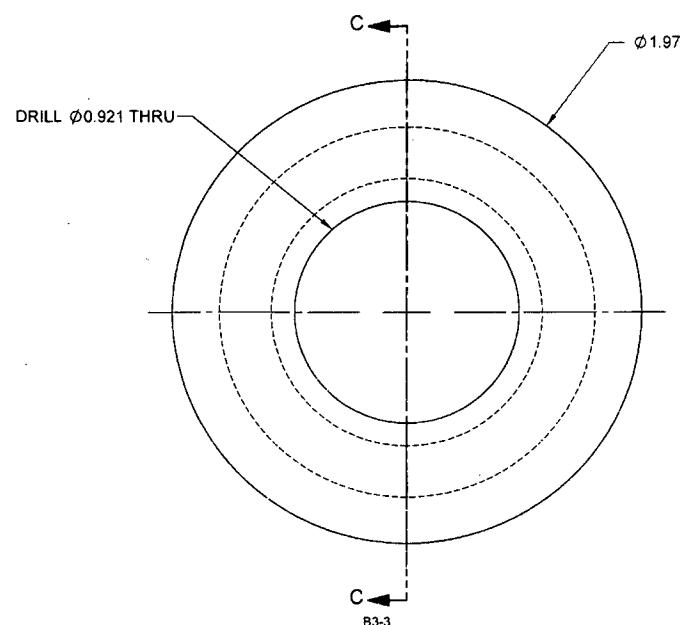
- 1) MATERIAL: N/A
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4000-045" AND B/N USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.27 lbs

| | | |
|------------|----------|-----------------------------|
| DESIGN | | DART AEROSPACE LTD |
| DRAWN | | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | | DRAWING NO. |
| MFG. APPR. | | D4000 |
| APPROVED | | REV. A |
| DE APPR. | | SHEET 2 OF 8 |
| DATE | 10.02.10 | NTS |

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RELEASED
2010-05-05
MM

| | |
|-------------------------------|--------------------------------------|
| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
| D4000-1 | JCA-M47-1-04 |



SECTION C-C B6-3

D4000-1 FUEL SUPPLY FITTING

RELEASED
2010-05-05
MM

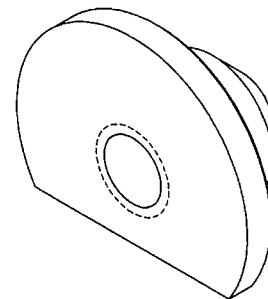
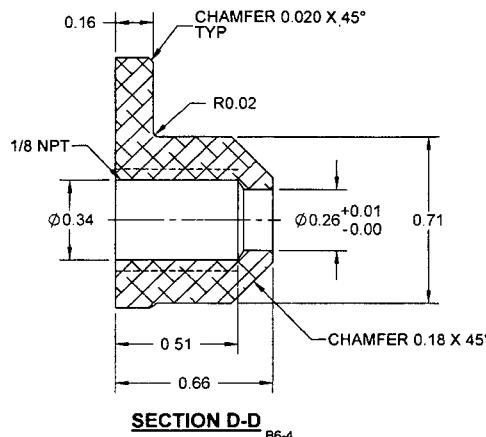
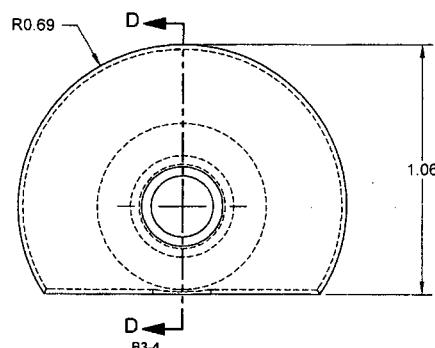
NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)
REF DART SPEC M6061T6R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.12 lbs

| | | |
|------------|--------------------|-----------------------------|
| DESIGN | <i>[Signature]</i> | DART AEROSPACE LTD |
| DRAWN | <i>[Signature]</i> | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | <i>[Signature]</i> | DRAWING NO. |
| MFG. APPR. | <i>[Signature]</i> | D4000 |
| APPROVED | <i>[Signature]</i> | REV. A |
| DE APPR. | <i>[Signature]</i> | SHEET 3 OF 8 |
| DATE | 10.02.10 | SCALE |
| | | NTS |

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| | |
|-------------------------------|--------------------------------------|
| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
| D4000-3 | JCA-M47-1-05 |



D4000-3 FUEL SUMP DRAIN FITTING

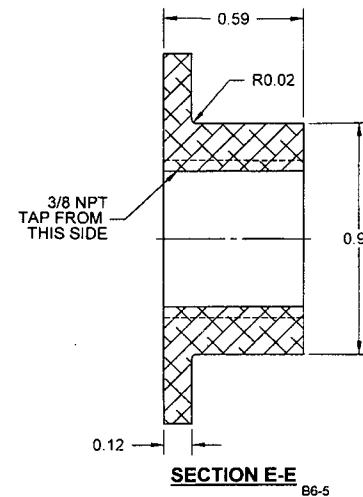
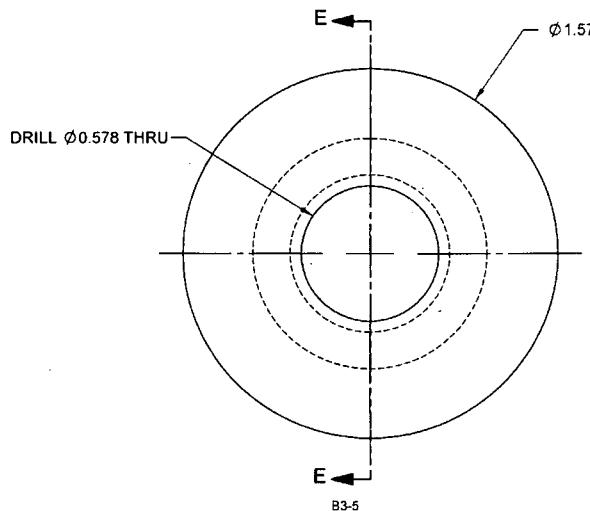
NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS4160)
REF DART SPEC M6061T6R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.03 lbs

RELEASED
2010-05-05
107388

| | | |
|---|-----------|-----------------------------|
| DESIGN | <i>BS</i> | DART AEROSPACE LTD |
| DRAWN | <i>BS</i> | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | <i>BS</i> | DRAWING NO. |
| MFG. APPR. | <i>BS</i> | D4000 |
| APPROVED | <i>BS</i> | REV. A |
| DE APPR. | <i>BS</i> | SHEET 4 OF 8 |
| DATE 10.02.10 | | SCALE |
| | | NTS |
| TITLE FITTING | | |
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| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
|-------------------------------|--------------------------------------|
| D4000-5 | JCA-M47-1-09 |



D4000-5 FUEL TANK VENT FITTING

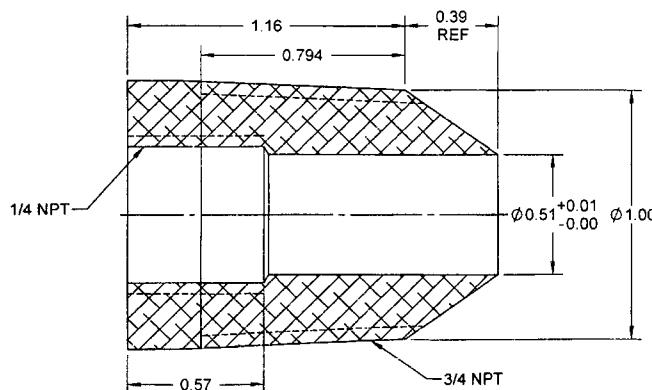
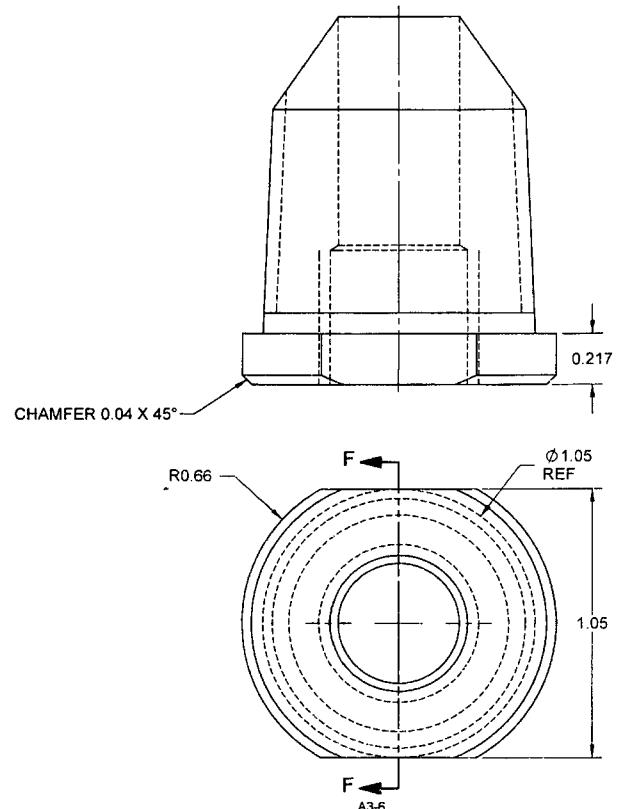
NOTES:

NOTES:
1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)
REF DART SPEC M6061T6R
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.04 lbs

| | | | | |
|------------|-----------|---|--|--|
| DESIGN | <u>81</u> | DART AEROSPACE LTD | | |
| DRAWN | <u>85</u> | HAWKSBURY, ONTARIO, CANADA | | |
| CHECKED | <u>18</u> | DRAWING NO. REV. A | | |
| MFG. APPR. | <u>EZ</u> | D4000 SHEET 5 OF 8 | | |
| APPROVED | <u>NO</u> | TITLE SCALE | | |
| DE APPR. | <u>NO</u> | FITTING NTS | | |
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|----------------------------|-----------------------------------|
| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
| D4000-7 | REF JCA-M47-1-10 |



D4000-7 FUEL PICK UP FITTING

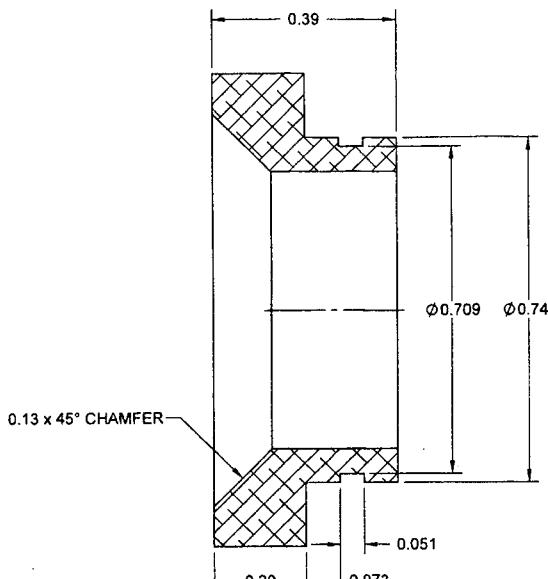
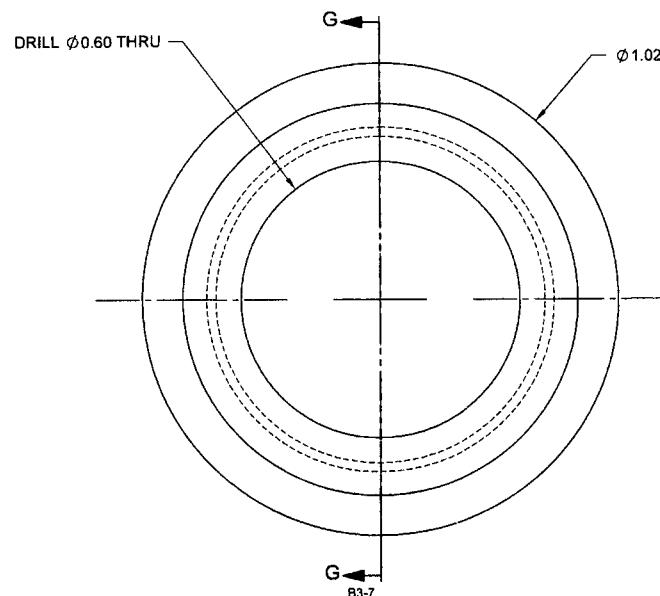
NOTES:

- 1) MATERIAL: 6061-T6 (OR 6061-T651/T6510/T6511/T62) ROUND BAR
PER AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR
PER AMS-QQ-A-200/8 (OR AMS 4160)
REF DART SPEC M6061T6R
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.10 lbs

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|---------------|--------------------|-----------------------------|
| DESIGN | <i>[Signature]</i> | DART AEROSPACE LTD |
| DRAWN | <i>[Signature]</i> | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | <i>[Signature]</i> | DRAWING NO. |
| MFG. APPR. | <i>[Signature]</i> | REV. A |
| APPROVED | <i>[Signature]</i> | D4000 |
| DE APPR. | <i>[Signature]</i> | SCALE |
| DATE 10.02.10 | | NTS |

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| | |
|-------------------------------|--------------------------------------|
| DART AEROSPACE PART NUMBER | JOHN CAMERON AVIATION PART NUMBER |
| D4000-9 | JCA-M47-1-11 |



SECTION G-G B6-7

NOTES:
1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL, Ø1.000 ROUND BAR
REF DART SPEC M-DELRIN-R1.000
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.01 lbs

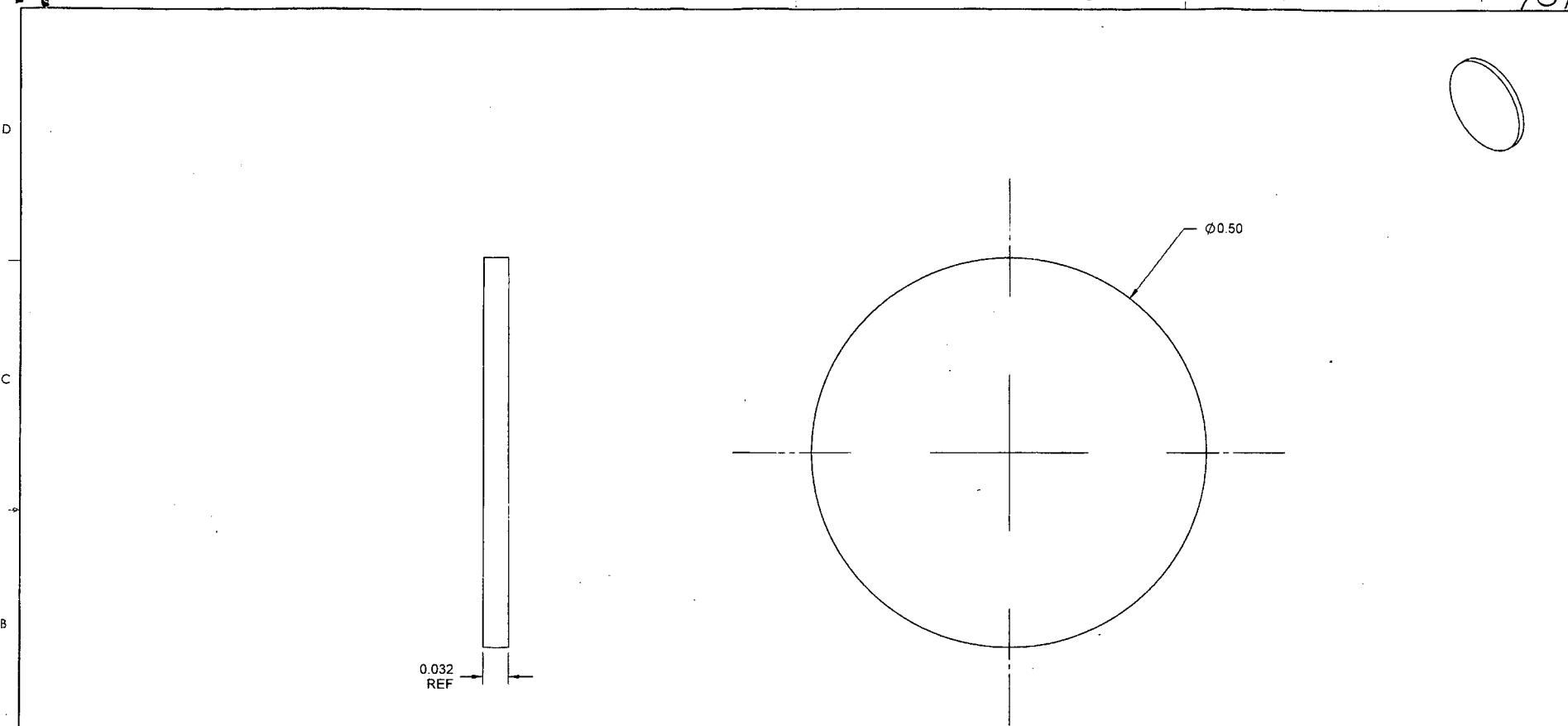
D4000-9 GROMMET

RELEASED
2010-05-05
[Signature]

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|------------|--------------------|-----------------------------|
| DESIGN | <i>[Signature]</i> | DART AEROSPACE LTD |
| DRAWN | <i>[Signature]</i> | HAWKESBURY, ONTARIO, CANADA |
| CHECKED | <i>[Signature]</i> | REV. A |
| MFG. APPR. | <i>[Signature]</i> | DRAWING NO. |
| APPROVED | <i>[Signature]</i> | D4000 |
| DE APPR. | <i>[Signature]</i> | SHEET 7 OF 8 |
| DATE | 10.02.10 | TITLE |
| | | FITTING |
| | | NTS |

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RELEASED
2010-05-05
JW

NOTES:

- 1) MATERIAL: 6061-T6/T62 ALUMINUM SHEET, 0.032 THICK
PER QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS 4025 OR AMS 4027 OR ASTM B209
REF DART SPEC M6061T6S.032
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.00 lbs

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|------------|-----------|-----------------------------|--|
| DESIGN | <i>AB</i> | DART AEROSPACE LTD | |
| DRAWN | <i>AB</i> | HAWKESBURY, ONTARIO, CANADA | |
| CHECKED | <i>AB</i> | DRAWING NO. | |
| MFG. APPR. | <i>AB</i> | D4000 | |
| APPROVED | <i>AB</i> | REV. A | |
| DE APPR. | <i>AB</i> | TITLE | |
| DATE | 10.02.10 | SCALE | |
| FITTING | | | |
| NTS | | | |

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